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(54) METHOD OF CONNECTING ELECTRODE PLATE WITH BATTERY TERMINAL AND BATTERY THUS OBTAINED

(57) Abstract:

PROBLEM TO BE SOLVED: To provide a method of connecting an electrode plate with a battery terminal and a battery obtained by the method.

SOLUTION: A method of connecting a plate 2 of an electrode 1 with a terminal 3 of a battery is disclosed, where, the plate 2 is clamped between the terminal 3 and a holding member such as a ring 6 or a washer 12, and then, the plate 2 is welded to the terminal 3 by a transparent laser welding through this holding member. The plate 2 had better be folded on the face of the terminal 3, before being clamped. A tool 14 clamps the plate 2 pressing on the zone 15 of the washer 12. Next, the washer 12 and the plate 2 are welded on to the terminal 3 by a transparent laser welding along a welding line 16 around the zone 15 on which the washer 12 presses down. Further, a

battery thus obtained by the above method is also disclosed.

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FIG.1

